



RFQ No. W912DW-05-Q-0156

**US Army Corps  
of Engineers®**  
Seattle District

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**Project: Landscape/Maintenance Service**

**LOCATION: Snoqualmie, Washington**

**SERVICE SOLICITATION AND SPECIFICATIONS**

**Closing Date: 15 September 2005**

**Closing Time: 11:00 AM LOCAL TIME PST**

**REMARKS: Quotes may be faxed to (206) 764-6817, Attention: Patricia Ortiz, or mailed to US Army, Corps of Engineers, Seattle District, Attention: Patricia Ortiz, P.O. Box 3755, Seattle, WA 98124-3755.**

<b>SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS</b> <i>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30</i>				1. REQUISITION NUMBER W68MD9-5229-3268		PAGE 1 OF 45	
2. CONTRACT NO.		3. AWARD/EFFECTIVE DATE		4. ORDER NUMBER		5. SOLICITATION NUMBER W912DW-05-Q-0156	
7. FOR SOLICITATION INFORMATION CALL:		a. NAME PATRICIA A ORTIZ				b. TELEPHONE NUMBER (No Collect Calls) 206-764-3516	
6. SOLICITATION ISSUE DATE 08-Sep-2005		8. OFFER DUE DATE/LOCAL TIME 10:00 AM 14 Sep 2005		10. THIS ACQUISITION IS <input type="checkbox"/> UNRESTRICTED <input checked="" type="checkbox"/> SET ASIDE: 100 % FOR <input checked="" type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> 8(A) NAICS: 561730 SIZE STANDARD:\$6.0		11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE	
9. ISSUED BY USA ENGINEER DISTRICT, SEATTLE ATTN: CENWS-CT 4735 EAST MARGINAL WAY SOUTH SEATTLE WA 98134-2329  TEL: 206-764-3772 FAX: 206-764-6817		CODE W912DW		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		12. DISCOUNT TERMS	
15. DELIVER TO SEE SCHEDULE FOR FURTHER INFORMATION. US ARMY CORPS OF ENGRS SEATTLE WA 98124-3755 TEL: FAX:		CODE SEE SCH		16. ADMINISTERED BY		13b. RATING	
17a. CONTRACTOR/OFFEROR		CODE		18a. PAYMENT WILL BE MADE BY		CODE	
FACILITY CODE							
TEL.							
<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM					
19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES			21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
<b>SEE SCHEDULE</b>							
25. ACCOUNTING AND APPROPRIATION DATA						26. TOTAL AWARD AMOUNT (For Govt. Use Only)	
<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED <input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED							
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 2 COPIES <input checked="" type="checkbox"/> TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.				29. AWARD OF CONTRACT: REFERENCE <input type="checkbox"/> OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:			
30a. SIGNATURE OF OFFEROR/CONTRACTOR				31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER)		31c. DATE SIGNED	
30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)		30c. DATE SIGNED		31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)  TEL: EMAIL:			

**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS  
(CONTINUED)**

PAGE 2 OF 45

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	<b>SEE SCHEDULE</b>				

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: \_\_\_\_\_

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE		32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE	
		32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE	

33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL				

38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY <i>(Print)</i>	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER		41c. DATE	
		42b. RECEIVED AT <i>(Location)</i>	
		42c. DATE REC'D <i>(YY/MM/DD)</i>	42d. TOTAL CONTAINERS

## Section SF 1449 - CONTINUATION SHEET

NOTES

1. Representation and Certification contained herein must be completed by quoter and returned with offer.

2. Marking of Quote Envelopes:

Envelopes shall be plainly marked as follows:

QUOTE FOR: Landscape/Maintenance Service  
Snoqualmie, Washington

Request for Quotations No. W912DW-05-Q-0156

CLOSING DATE AND TIME: 15 September 2005, 11:00 AM LOCAL TIME

AMENDMENTS NUMBERED \_\_\_\_\_ HAVE BEEN RECEIVED

3. PROSPECTIVE OFFERORS: The Director of Defense Procurement has issued a final rule amending the Defense Federal Acquisition Regulation Supplement (DFARS) to require contractors to be registered in the DOD Central Contractor Registration (CCR) for awards resulting from solicitations issued after May 31, 1998.

This rule more efficiently implements the Debt Collection Improvement Act of 1996 as it requires contractors to be registered in CCR for consideration of future solicitations, awards, and payment. Registration is required prior to award of any contract, basic agreement, basic ordering agreement, or blanket purchase agreement from a solicitation issued after May 31, 1998. LACK OF REGISTRATION IN THE CCR DATABASE WILL MAKE AN OFFER INELIGIBLE FOR AWARD.

The WEB Site may be accessed at <http://www.ccr.gov>. You may call 1-888-227-2423 to obtain a Registration Packet or to Register on Line at WWW.ACQ.OSD.MIL/EC.

4. FACNET and NON-FACNET responses will be accepted. Responses may be faxed until the time and date set for closing. Attention by Faxes to Patricia Ortiz, (206) 764-6817.

Patricia A. Ortiz, Purchasing Agent

E-MAIL ADDRESS: [Patricia.A.Ortiz@nws02.usace.army.mil](mailto:Patricia.A.Ortiz@nws02.usace.army.mil)

TELEPHONE: (206) 764-3516

5. **This Request for Quotations (RFQ) is considered for Small Business Set-Aside Only**

6. *Award shall be made to the Responsive and Responsible Offeror with the Lowest Total Offer.*

**PERIOD OF PERFORMANCE:**

BASE PERIOD: 19 September 2005 – 31 December 2005

FIRST (1<sup>ST</sup>) OPTION PERIOD: 1 January 2006 – 31 December 2006

SECOND (2<sup>ND</sup>) OPTION PERIOD: 1 January 2007 – 31 December 2007

THIRD (3<sup>RD</sup>) OPTION PERIOD: 1 January 2008 – 31 December 2008

FOURTH (4<sup>ND</sup>) OPTION PERIOD: 1 January 2009 – 31 December 2009

7. ELECTRONIC FUNDS TRANSFER (EFT): Effective 99Jun01, the Government will make all payments by EFT (unless the Government VISA credit card is accepted). The only exceptions are 1) Foreign Vendors; 2) Government

Agencies; and 3) One-time payments. The EFT forms and instructions are on the USACE Finance Center (UFC) Web Page, [www.fc.usace.army.mil](http://www.fc.usace.army.mil). The UFC points of contract for this action are Ms. Nita Clower, 901/874-8542 and Mr. Michael Rye, 901/874-8543.

8. Please provide the following information:

Federal Tax ID Number: \_\_\_\_\_

DUNS Number: \_\_\_\_\_

Remit to Address:

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

e-mail address if available: \_\_\_\_\_

Is VISA accepted as a method of payment? Yes/No

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	BASE YEAR LANDSCAPING AND MAINTENANCE CONTRACT FFP PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO MAINTAIN, MONITOR, OVERSEED, RESOIL, REPLANTING, WATER, PLANT REMOVAL AND SOIL IMPROVEMENT IN ACCORDANCE WITH THE ATTACHED SCOPE OF WORK DATED 11 AUGUST 2005. SERVICE PERIOD WILL IS ANTIPATED TO START ON OR ABOUT 19 SEPTEMBER 2005 THROUGH 31 DECEMBER 2005. Wage Determination No.: 1994-2563, REVISION 28, DATED 05/23/2005 IS HEREBY INCORPORATED. PURCHASE REQUEST NUMBER: W68MD9-5229-3268	1	Lump Sum	_____	_____
				NET AMT	_____

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	OPTIONAL ITEM 1	1	Lump Sum	_____	_____

**EXPANDED PLANTING AREA**

FFP

PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO EXPANDED PLANTING AREA IN ACCORDANCE WITH THE ATTACHED SCOPE OF WORK DATED 11 AUGUST 2005. Wage Determination No.: 1994-2563, REVISION 28, DATED 05/23/2005 IS HEREBY INCORPORATED.

**OPTIONAL ITEM IF AWARDED WILL BE NO LATER THAN 90 DAYS AFTER EFFECTIVE DATE OF AWARD.**

PURCHASE REQUEST NUMBER: W68MD9-5229-3268

NET AMT \_\_\_\_\_

0003	OPTION YEAR 1	1	Lump Sum	_____	_____
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**LANDSCAPING AND MAINTENANCE CONTRACT**

FFP

PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO MAINTAIN, MONITOR, OVERSEED, RESOIL, REPLANTING, WATER, PLANT REMOVAL AND SOIL IMPROVEMENT IN ACCORDANCE WITH THE ATTACHED SCOPE OF WORK DATED 11 AUGUST 2005.

SERVICE PERIOD IS START ON 1 JANUARY 2006 THROUGH 31 DECEMBER 2006. Wage Determination No.: 1994-2563, REVISION 28, DATED 05/23/2005 IS HEREBY INCORPORATED.

**12 MONTHS @ \$\_\_\_\_\_**

PURCHASE REQUEST NUMBER: W68MD9-5229-3268

NET AMT \_\_\_\_\_

NET AMT \_\_\_\_\_

NET AMT \_\_\_\_\_





(a) Definitions. As used in this provision:

"Emerging small business" means a small business concern whose size is no greater than 50 percent of the numerical size standard for the NAICS code designated.

"Forced or indentured child labor" means all work or service-

(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

Service-disabled veteran-owned small business concern--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

Veteran-owned small business concern means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans (as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned small business concern" means a small business concern--

(1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of its stock is owned by one or more women; or

(2) Whose management and daily business operations are controlled by one or more women.

"Women-owned business concern" means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

(b) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to a central contractor registration database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (b)(3) through (b)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) Taxpayer Identification Number (TIN).

\_\_\_ TIN:-----

\_\_\_ TIN has been applied for.

\_\_\_ TIN is not required because:

\_\_\_ Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

Offeror is an agency or instrumentality of a foreign government;

\_\_\_ Offeror is an agency or instrumentality of the Federal Government.

(4) Type of organization.

\_\_\_ Sole proprietorship;

\_\_\_ Partnership;

\_\_\_ Corporate entity (not tax-exempt);

\_\_\_ Corporate entity (tax-exempt);

\_\_\_ Government entity (Federal, State, or local);

\_\_\_ Foreign government;

\_\_\_ International organization per 26 CFR 1.6049-4;

\_\_\_ Other-----

(5) Common parent.

\_\_\_ Offeror is not owned or controlled by a common parent;

\_\_\_ Name and TIN of common parent:

Name-----

TIN-----

(c) Offerors must complete the following representations when the resulting contract will be performed in the United States or its outlying areas. Check all that apply.

(1) Small business concern. The offeror represents as part of its offer that it ( ) is, ( ) is not a small business concern.

(2) Veteran-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents as part of its offer that it ( ) is, ( ) is not a veteran-owned small business concern.

(3) Service-disabled veteran-owned small business concern. (Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.) The offeror represents as part of its offer that it ( ) is, ( ) is not a service-disabled veteran-owned small business concern.

(4) Small disadvantaged business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents, for general statistical purposes, that it ( ) is, ( ) is not a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) Women-owned small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents that it ( ) is, ( ) is not a women-owned small business concern.

Note: Complete paragraphs (c)(6) and (c)(7) only if this solicitation is expected to exceed the simplified acquisition threshold.

(6) Women-owned business concern (other than small business concern). (Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents that it ( ) is, a women-owned business concern.

(7) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

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(8) Small Business Size for the Small Business Competitiveness Demonstration Program and for the Targeted Industry Categories under the Small Business Competitiveness Demonstration Program. (Complete only if the offeror has represented itself to be a small business concern under the size standards for this solicitation.)

(i) (Complete only for solicitations indicated in an addendum as being set-aside for emerging small businesses in one of the designated industry groups (DIGs).) The offeror represents as part of its offer that it ( ) is, ( ) is not an emerging small business.

(ii) (Complete only for solicitations indicated in an addendum as being for one of the targeted industry categories (TICs) or designated industry groups (DIGs).) Offeror represents as follows:

(A) Offeror's number of employees for the past 12 months (check the Employees column if size standard stated in the solicitation is expressed in terms of number of employees); or

(B) Offeror's average annual gross revenue for the last 3 fiscal years (check the Average Annual Gross Number of Revenues column if size standard stated in the solicitation is expressed in terms of annual receipts).

(Check one of the following):

Average Annual

Number of Employees Gross Revenues

☐ 50 or fewer ☐ \$1 million or less

☐ 51 - 100 ☐ \$1,000,001 - \$2 million

☐ 101 - 250 ☐ \$2,000,001 - \$3.5 million

☐ 251 - 500 ☐ \$3,500,001 - \$5 million

☐ 501 - 750 ☐ \$5,000,001 - \$10 million

☐ 751 - 1,000 ☐ \$10,000,001 - \$17 million

☐ Over 1,000 ☐ Over \$17 million

(9) (Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns or FAR 52.219-25, Small Disadvantaged Business Participation Program-Disadvantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.)

(i) General. The offeror represents that either--

(A) It ( ☐ ) is, ( ☐ ) is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

(B) It ( ☐ ) has, ( ☐ ) has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(ii) Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(9)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. (The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: \_\_\_\_\_.)

(10) HUBZone small business concern. (Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.) The offeror represents, as part of its offer, that--

(i) It ( ☐ ) is, ( ☐ ) is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material change in ownership and control, principal office, or HUBZone employee percentage has occurred since it was certified by the Small Business Administration in accordance with 13 CFR part 126; and

(ii) It ( ) is, ( ) is not a joint venture that complies with the requirements of 13 CFR part 126, and the representation in paragraph (c)(10)(i) of this provision is accurate for the HUBZone small business concern or concerns that are participating in the joint venture. (The offeror shall enter the name or names of the HUBZone small business concern or concerns that are participating in the joint venture:\_\_\_\_\_.) Each HUBZone small business concern participating in the joint venture shall submit a separate signed copy of the HUBZone representation.

(d) Certifications and representations required to implement provisions of Executive Order 11246--

(1) Previous Contracts and Compliance. The offeror represents that--

(i) It ( ) has, ( ) has not, participated in a previous contract or subcontract subject either to the Equal Opportunity clause of this solicitation, the and

(ii) It ( ) has, ( ) has not, filed all required compliance reports.

(2) Affirmative Action Compliance. The offeror represents that--

(i) It ( ) has developed and has on file, ( ) has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR Subparts 60-1 and 60-2), or

(ii) It ( ) has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$100,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

(f) Buy American Act Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act--Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products. The terms "component," "domestic end product," "end product," "foreign end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act--Supplies."

(2) Foreign End Products:

Line Item No.:-----

Country of Origin:-----

(List as necessary)

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) *Buy American Act-Free Trade Agreements-Israeli Trade Act Certificate*. (Applies only if the clause at FAR 52.225-3, Buy American Act-Free Trade Agreements-Israeli Trade Act, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms "component," "domestic end product," "end product," "foreign end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act."

(ii) The offeror certifies that the following supplies are end products of Australia, Canada, Chile, Mexico, or Singapore, or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act":

End Products of Australia, Canada, Chile, Mexico, or Singapore or Israeli End Products:

Line Item No.	Country of Origin
_____	_____
—	—
_____	_____
—	—
_____	_____
—	—

*[List as necessary]*

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) of this provision) as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act." The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products.

Other Foreign End Products:

Line Item No.	Country of Origin
_____	_____
—	—
_____	_____
—	—
_____	_____
—	—

*[List as necessary]*

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) *Buy American Act-Free Trade Agreements-Israeli Trade Act Certificate, Alternate I (Jan 2004)*. If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act":

Canadian End Products:

Line Item No.
_____
—
_____
—
_____
—

[List as necessary]

(3) *Buy American Act-Free Trade Agreements-Israeli Trade Act Certificate, Alternate II (Jan 2004)*. If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act-Free Trade Agreements-Israeli Trade Act":

Canadian or Israeli End Products:

Line Item No.	Country of Origin
_____	_____
—	—
_____	_____
—	—
_____	_____
—	—

[List as necessary]

(4) *Trade Agreements Certificate*. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.-made or designated country end product, as defined in the clause of this solicitation entitled "Trade Agreements."

(ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products.

Other End Products:

Line Item No.	Country of Origin
_____	_____
—	—
_____	_____
—	—
_____	_____
—	—

[List as necessary]

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) Certification Regarding Debarment, Suspension or Ineligibility for Award (Executive Order 12549). The offeror certifies, to the best of its knowledge and belief, that --

(1) The offeror and/or any of its principals ( ) are, ( ) are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency, and

(2) ( ) Have, ( ) have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, or receiving stolen property; and

(3) ( ) are, ( ) are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses.

(i) Certification Regarding Knowledge of Child Labor for Listed End Products (Executive Order 13126). [The Contracting Officer must list in paragraph (i)(1) any end products being acquired under this solicitation that are included in the List of Products Requiring Contractor Certification as to Forced or Indentured Child Labor, unless excluded at 22.1503(b).]

(1) Listed End Product

Listed End Product	Listed Countries of Origin:
•	•
•	•
•	•



(2) Certification. [If the Contracting Officer has identified end products and countries of origin in paragraph (i)(1) of this provision, then the offeror must certify to either (i)(2)(i) or (i)(2)(ii) by checking the appropriate block.]

( ) (i) The offeror will not supply any end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product.

( ) (ii) The offeror may supply an end product listed in paragraph (i)(1) of this provision that was mined, produced, or manufactured in the corresponding country as listed for that product. The offeror certifies that it has made a good faith effort to determine whether forced or indentured child labor was used to mine, produce, or manufacture any such end product furnished under this contract. On the basis of those efforts, the offeror certifies that it is not aware of any such use of child labor.

(j)(1) Annual Representations and Certifications. Any changes provided by the offeror in paragraph (j) of this provision do not automatically change the representations and certifications posted on the Online Representations and Certifications Application (ORCA) website.

(2) The offeror has completed the annual representations and certifications electronically via the ORCA website at <http://orca.bpn.gov>. After reviewing the ORCA database information, the offeror verifies by submission of this offer that the representations and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications--Commercial Items, have been entered or updated in the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201), except for paragraphs \_\_\_\_

(Offeror to identify the applicable paragraphs at (b) through (i) of this provision that the offeror has completed for the purposes of this solicitation only, if any.)

These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.)

(End of provision)

#### 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days within which the Contracting Officer may exercise the option); provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 5 years.

(End of clause)

#### 52.237-3 CONTINUITY OF SERVICES (JAN 1991)

- (a) The Contractor recognizes that the services under this contract are vital to the Government and must be continued without interruption and that, upon contract expiration, a successor, either the Government or another contractor, may continue them. The Contractor agrees to (1) furnish phase-in training and (2) exercise its best efforts and cooperation to effect an orderly and efficient transition to a successor.
- (b) The Contractor shall, upon the Contracting Officer's written notice, (1) furnish phase-in, phase-out services for up to 90 days after this contract expires and (2) negotiate in good faith a plan with a successor to determine the nature and extent of phase-in, phase-out services required. The plan shall specify a training program and a date for transferring responsibilities for each division of work described in the plan, and shall be subject to the Contracting Officer's approval. The Contractor shall provide sufficient experienced personnel during the phase-in, phase-out period to ensure that the services called for by this contract are maintained at the required level of proficiency.
- (c) The Contractor shall allow as many personnel as practicable to remain on the job to help the successor maintain the continuity and consistency of the services required by this contract. The Contractor also shall disclose necessary personnel records and allow the successor to conduct onsite interviews with these employees. If selected employees are agreeable to the change, the Contractor shall release them at a mutually agreeable date and negotiate transfer of their earned fringe benefits to the successor.
- (d) The Contractor shall be reimbursed for all reasonable phase-in, phase-out costs (i.e., costs incurred within the agreed period after contract expiration that result from phase-in, phase-out operations) and a fee (profit) not to exceed a pro rata portion of the fee (profit) under this contract.

(End of clause)

#### 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

FAR: <http://www.arnet.gov/far> or <http://farsite.hill.af.mil>

(End of provision)

#### 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

DFAR: <http://www.acq.osd.mil/dp/dars/dfars.html>

(End of clause)

SCOPE OF WORK  
Services  
Snoqualmie Landscape Maintenance  
11 AUG 2005

## 1.0 PROJECT LOCATION

The following maps provide the general location of the landscape projects located along the Snoqualmie River upstream of the Snoqualmie Falls. The specific locations are further described in 2.1.1 to 2.1.3.

Map: Snoqualmie; Township 24 North; Range 08 East; King County WA

## 2.0 DESCRIPTION OF SERVICES

### 2.1 Background

Landscape maintenance and plantings are required to ensure survival of plantings and mitigate project impacts associated with the construction of the Snoqualmie Flood Damage Reduction Project. This project is a direct Federal action under authority of Section 205 of the 1948 Flood Control Acts and consists of plantings and maintenance in three areas: left and right bank areas, and railroad bridge removal area. The projects are located in the vicinity of the City of Snoqualmie between SR 202 Bridge and Snoqualmie Falls.

Mitigation work already performed involved placement of willow and native plants, shrubs and trees along the bank and an off-site riparian plantings to mitigate for the loss of mature riparian vegetation in the construction staging area. The site locations are detailed below (the Contractor must validate all quantities and dimensions during scoping phase):

**2.1.1 Left Bank Planting Area.** (Maintenance and Monitoring) Site is located just downstream of the Highway 202 bridge and is along 475 lineal feet of river shoreline. The project area has roughly 0.9 acres (39,000 ft<sup>2</sup>) above the OHWL and roughly 1.2 acres (52,000 ft<sup>2</sup>) below where native plantings were established on the banks to provide shade, cover and food sources. The slope is 1.5:1 and contains approximately 41 trees, 155 shrubs and numerous willow stakes. Approximately 24-trees are dead and will be replaced under separate contract. (See Attachment #1)

**2.1.2 Right Bank Planting Area with revetment.** (Maintenance and Monitoring) Site is located opposite bank of previous site and has roughly 0.2 acres (8700 ft<sup>2</sup>) above OHWL and 0.5 acres below. The area covers approximately 390 lineal feet along the river shoreline and bank and is primarily a topsoiled and seeded area above the retaining wall and has approximately 10 trees and 40 shrubs below.

**2.1.3 Bridge Removal Area.** (Replanting, Soil Improvements and Maintenance and Monitoring) Site is located one-half mile upstream of State Highway 202 Bridge and involves replanting and maintenance activities in the temporary fill area of roughly 0.26-acres (11,000 ft<sup>2</sup>) construction work area. The site is located on the left bank where the bridge abutments were positioned. The site has very poor soil quality and additional soil is needed in area to help establish plantings (see Section 3.1.4 Task #4) The replanting plan is detailed below in Table #1. Attachment #2 describes entire site area.

Table #1. RR Bridge Plantings List: 64 Trees 10-ft OC and 192 Shrubs 5-ft OC

Species	Common Name	Quantity	Minimum Size*	Installed Spacing
TREES=64				

Pseudotsuga menziesii	Douglas fir	14	5 gallon container	10 feet on center
Picea sitcensis	Sitka spruce	5	5 gallon container	10 feet on center
Thuja plicata	Western red cedar	5	5 gallon container	10 feet on center
Tsuga heterophylla	Western hemlock	5	5 gallon container	10 feet on center
Acer macrophyllum	Big-leaf maple	10	5 gallon container	10 feet on center
Populus balsamifera	Black cottonwood	5	5 gallon container	10 feet on center
Rhamnus purshiana	Cascara	10	5 gallon container	10 feet on center
Salix lucida	Pacific willow	10	cuttings/slips	at rivers edge

## SHRUBS=192

Acer circinatum	Vine maple	50	1 gallon container	5 feet on center
Sambucus racemosa	Red elderberry	10	1 gallon container	5 feet on center
Symphoricarpos albus	Snowberry	50	1 gallon container	5 feet on center
Holodiscus discolor	Oceanspray	25	1 gallon container	5 feet on center
Cornus sericea	Red osier dogwood	2	1 gallon container	5 feet on center
Corylus coronata	Hazelnut	25	1 gallon container	5 feet on center
Mahonia aquifolium	Tall oregongrape	20	1 gallon container	5 feet on center
Rosa gymnocarpa	Baldhip rose	10	1 gallon container	5 feet on center

Grand Total Plants 256

for 6,400 square feet, area 80 feet by 80 feet

Note: shaded species should be installed in the lowest, shadiest, wettest areas

\*Note, bare root trees and shrubs could be substituted, if plants are installed between Nov and Dec 2005

## 2.2 Objectives

The purpose of this purchase order is to:

- Develop and execute a maintenance and monitoring in project areas to ensure proper establishment and survival
- Replant vegetation in the Bridge Removal area
- Ensure invasive weeds are controlled for a period of 5-years and other tasks outlined in Section 3.0

## 3.0 SCOPE OF SERVICES

3.1 Scope This section lists specific tasks to be accomplished by the Contractor to complete. The specific objectives and requirements are identified below and directly related to items in section 2.2 and used to help clarify specific SOW requirements.

## 3.1.1 Task 1 – Develop Work Schedule and Maintenance and Monitoring Plan.

The Contractor shall develop a planned work schedule and monitoring plan for approval. The Contractor shall document existing conditions at time of NTP, maintain a record of work performed, materials and equipment used to include but not limited to source, quantity, type, documentation (narrative or photographs) providing quantity of plant loss, replacements, diagnosis of unhealthy plant material and monitor for disease. The purpose is to maintain an accurate history of work performed, document required actions for compliance with environmental agencies and provide a record for USACE Contracting Office and payment purposes. The Contractor is required to submit planned actions quarterly to the Contracting Officer for approval.

## 3.1.2 Task 2 – Overseed

Repair and overseed in accordance with the following (weed seed <1% by mixture):

Botanical Name	Common Name	% Pure live Seed
Agrostis idahoensis	Idaho Bentgrass	25%
Festuca ovina	Sheep Fescue	25%
Lolium multiflorum	Annual Ryegrass	25%
Trifolium incarnatum	Crimson Clover	25%

Hydroseed activities need to be accomplished prior to 15 OCT.

### 3.1.3 Task 3 – Watering (Base Year Only thru DEC 2005 and 1st Year)

Water shall be applied to all areas to supplement rainfall at rate sufficient to ensure moist soil conditions to a minimum of 1-inch depth (see specifications Seeding 02921). Run-off and puddling shall be prevented. Watering trucks (if used) shall not be driven over turf areas.

3.1.4 Task 4 – Plant Bridge Removal Area. Plant per specification in external planting Section 02935 and following items below that may be an addition to attached specifications:

- For upland riparian plantings, there shall be a 3-inch layer of shredded or fine textured mulch in a 24-inch circle around all trees and shrubs, excluding willow stakes.
- Backfill soil mixture shall be a mix of 1 part imported topsoil and 1 part existing excavated soil. Granular polymer water absorbing gel shall be added to all trees and shrub planting holes per manufacturer's instructions to retain and disperse water between watering cycles.
- The finished height of each tree and shrub root ball shall be flush with the surrounding soil. The top of the root ball will not be covered with backfill soil, but will be covered with the mulch ring.
- A watering basin will be formed around each tree and shrub planting by building a shallow berm of soil 30-inches in diameter around each tree and shrub.
- A 10-ft wide pedestrian path shall be left to provide pedestrian access to water. No improvements will be made to this path except overseed and watering as part of area maintenance plan.

Soil Improvements. Contractor shall provide scarification of the soil to tear it up and incorporate additional topsoil amended with compost prior to plant installation. This task shall be inspected by the project biologist before the plants are installed. The purpose is in order to improve soil quality and increase probability of plant survival

### 3.1.5 Task 5 – Monitoring and Controlling Invasive Plants

The contractor will monitor for the presence of invasive plants such as Blackberry, Canary Grass, Scots Broom, and English Ivy at and adjacent to the planting locations and remove blackberry and other non-native invasive species from the project area and/or encroaching area so that the native species can become sufficiently established. Removal offsite and proper disposal is a responsibility of the contractor.

### 3.1.6 Task 6 – Quality Control Plan.

The Contractor will develop a quality control for the project and submit prior to NTP. The quality control plan shall be re-submitted for any subsequent year optional item award.

### 3.1.7 Optional Items

The contract outlines activities for the base year 2005 ending on 31 DEC 05. Due to financial restrictions, the base award is limited to this period and the following optional items may be awarded to the Contractor on successful performance.

Optional Item 1. The contractor shall plant and maintain an additional 8000 ft<sup>2</sup> area as part of the RR bridge removal site. Soil improvements and specifications are the same as base contract. The area is roughly 80-feet x 100-feet and extends towards the road. The additional plantings are summarized below. See Attachment #2 Railroad Bridge Removal Area and Table #2 below.

Table #2. Additional RR Bridge Plantings List: An additional 80 Trees 10-ft OC and 240 Shrubs 5-ft OC shall be planted to cover an additional 8000 ft<sup>2</sup> adjacent area.

Species	Common Name	Quantity	Minimum Size*	Installed Spacing
TREES=80				

Pseudotsuga menziesii	Douglas fir	26	5 gallon container	10 feet on center
Picea sitcensis	Sitka spruce	10	5 gallon container	10 feet on center
Thuja plicata	Western red cedar	10	5 gallon container	10 feet on center
Tsuga heterophylla	Western hemlock	5	5 gallon container	10 feet on center
Acer macrophyllum	Big-leaf maple	10	5 gallon container	10 feet on center
Populus balsamifera	Black cottonwood	9	5 gallon container	10 feet on center
Rhamnus purshiana	Cascara	10	5 gallon container	10 feet on center
Salix lucida	Pacific willow	0	cuttings/slips	at rivers edge

## SHRUBS=240

Acer circinatum	Vine maple	25	1 gallon container	10 feet on center
Sambucus racemosa	Red elderberry	17	1 gallon container	10 feet on center
Symphoricarpos albus	Snowberry	25	1 gallon container	10 feet on center
Holodiscus discolor	Oceanspray	50	1 gallon container	10 feet on center
Cornus sericea	Red osier dogwood	28	1 gallon container	10 feet on center
Corylus coronuta	Hazelnut	25	1 gallon container	10 feet on center
Mahonia aquifolium	Tall oregongrape	30	1 gallon container	10 feet on center
Rosa gymnocarpa	Baldhip rose	40	1 gallon container	10 feet on center

Additional Total Plants 240

for additional 8,000 square feet, area 100 feet by 80 feet

Note: Shaded species should be installed in the lowest, shadiest, wettest areas

\*Note, bare root trees and shrubs could be substituted, if plants are installed between Nov and Dec 2005

Option Year 2-5 and associated tasks are outlined in Section 3.0 and similar to the base year. Watering activities for existing plantings will only take place in base and 1st year. The Contractor can modify the task calendar and submit to the Government for approval as part of the subsequent years Maintenance and Monitoring Plans (to include planned maintenance schedule and QC Plan) The Government may award optional items as part of the contract.

### OPTION ITEM 1: Expanded Planting Area at RR Bridge Site

OPTION YEAR 1 (2006): 1 JAN 06 to 31 DEC 06

OPTION YEAR 2 (2007): 1 JAN 07 to 31 DEC 07

OPTION YEAR 3 (2008): 1 JAN 08 to 31 DEC 08

OPTION YEAR 4 (2009): 1 JAN 09 to 31 DEC 09

### 3.2 TASK CALENDAR

The task chart below indicates activities or tasks as required per this specification that should occur each month and be a part of the Contractors maintenance and monitoring plan.

X = indicates the preferred time

\* = indicates an alternative time

J	F	M	A	M	J	J	A	S	O	N	D	Task
		*	*	*			*	*	X	X	X	Plant
deciduous trees and shrubs (Bridge construction Area)												
			*	*					X	X	X	Plant
evergreen trees and shrubs (Bridge construction Area)												
			*			*			X			
Thinning of new growth Alder upon direction of USACE Biologist.												
	X											Check
new plantings for frost heave and firm soil												

X	X								X	Provide
		*	*					X	*	Replace
		X		X				X		Invasive
		X					X			Repair
			X						X	Apply
		X		X				X		Weed
		X		X				X		Apply
			X	X	X	X	X			Water

Note: No chemical fertilizer can be used on this site due to proximity to waterways. Use of organic material (bonemeal, manure, decomposed wood derivatives, recycles compost or worm castings) are acceptable and shall be applied at the rate recommended by the manufacturer.

### 3.3 General

#### 3.3.1 Submittals. To be accomplished each FY and w/Optional Items.

- Maintenance and Monitoring Plan w/task schedule
- Planned Maintenance Schedule Quarterly
- QC Plan

#### 3.5.2 General Requirements.

- The Contractor will coordinate with a USACE Biologist to be present during any planting activities.
- Corps Biologists shall inspect all plant material, compost, and mulch before installation.
- Materials must meet specification requirements. Certification of material standards need to be validated and maintained for project documentation

3.5.3. Review Comments. After receipt of each plan submittal, the Government will furnish review comments within 14 calendar days. The Contractor shall incorporate the comments and make any changes in the monitoring and maintenance plan as needed through the project Contracting Officer Representative.

4.0 Schedule. To be prepared by contractor and included as a submittal requirement. NTP will be given after the Contractor submits the QC Plan and Base Year Maintenance and Monitoring Plan for Government approval. The government will approve within 14-days of receipt.

Event Calendar Days after LNTP

LNTP

Schedule/Task Submittal - Maintenance and Monitoring Plan 20

QC Plan 20

Construction/activity NTP 35

OPTION ITEM 1: Additional RR Bridge Plantings and Maintenance TBD

OPTION ITEM 2: 1 JAN 06 to 31 DEC 06 TBD  
OPTION ITEM 3: 1 JAN 07 to 31 DEC 07 TBD  
OPTION ITEM 4: 1 JAN 08 to 31 DEC 08 TBD  
OPTION ITEM 5: 1 JAN 09 to 31 DEC 09 TBD

5.0 Government Furnished Material. None.

6.0 Miscellaneous Contract Information/Clauses.

Attachment 3 provides specifications for seeding and exterior planting that are required as part of this contract.

#### 6.1 Contracting Officer's Representative (COR)

The Contracting Officer (CO) for the Government will designate a COR, who will provide the liaison, supply Government-furnished data and services, and forward other necessary documents. Contract interpretation and associated guidance and direction from the Government shall not be official unless specifically authorized by the COR (or the CO). The COR will seek timely progress of the work and its satisfactory completion. One or more authorized technical representatives of the contracting officer may be designated to monitor Contractor's performance, verify compliance with contract specifications, and provide technical support to the COR.

#### 6.2 Extra Services

The Contractor is advised not to perform any extra services under this contract. Except as otherwise provided in this contract, no payment for extras shall be made unless such extras and price thereof have been authorized in writing by the contracting officer.

#### 6.3 Payments for Routine Work.

Payments shall be made in accordance with the payments clause of the contract. This delivery order will include a continuing payment clause (52.232-5002 EFARS). A copy of each payment voucher shall be submitted by the Contractor to the COR. Payments will be made in accordance with the payment clause under the basic contract and Period of Service of this delivery order. The AE will invoice only for completed work and services. The specific milestones for deliverables are shown in Section 3 - Schedule of this delivery order. Final payment will be made upon submittal of all deliverables and return of Government-furnished properties.

#### Attachment #1: Left Bank Planting Area

The following information is provided for contractor scoping purposes and is not intended for orientation. The contractor is required to validate all quantities and dimensions and site visit is recommended.

##### Left Bank Plantings

#### Attachment #2: RR Bridge Removal Area

The diagram below shows the general area, a pedestrian walking path, and approximate areas for plantings and maintenance activities at the RR Bridge removal Site. A planting scheme will be provided by the Government and field adjustment is expected. Post Project grade, disturbed area and plant locations are not as depicted below and will require field adjustment under coordination and oversight of USACE Biologist.



Attachment #3: Specifications as addressed in section 6.0.

## Section 02921 Seeding

### 1 GENERAL

#### 1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

#### AGRICULTURAL MARKETING SERVICE (AMS)

AMS-01 (Aug 95) Federal Seed Act Regulations Part 201

#### AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM C 602 (1995a) Agricultural Liming Materials

ASTM D 977 (1991) Emulsified Asphalt

ASTM D 2028 (1976; R 1992) Cutback Asphalt (Rapid-Curing Type)

ASTM D 4972 (1995a) pH of Soils

ASTM D 5268 (1992; R 1996) Topsoil Used for Landscaping Purposes

ASTM D 5883 (1996) Standard Guide for Use of Rotary Kiln Produced Expanded Shale, Clay or Slate (ESCS) as a Mineral Amendment in Topsoil Used for Landscaping and Related Purposes

#### 1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals having an "FIO" designation are for information only. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

#### Data

Equipment; FIO. Surface Erosion Control Material; FIO. Chemical Treatment Material; FIO.

Manufacturer's literature including physical characteristics, application and installation instructions for equipment, surface erosion control material and chemical treatment material. Schedules

Equipment; FIO. A listing of equipment to be used for the seeding operation.

#### Statements

Delivery; FIO. Delivery schedule.

Finished Grade and Topsoil; GA.

Finished grade status.

Topsoil; GA.

Availability of topsoil from the stripping and stock piling operation.

#### Reports

Equipment Calibration; FIO. Certification of calibration tests conducted on the equipment used in the seeding operation.

Soil Test; FIO. Certified reports of inspections and laboratory tests, prepared by an independent testing agency, including analysis and interpretation of test results. Each report shall be properly identified. Test methods used and compliance with recognized test standards shall be described.

#### Certificates

Seed; FIO. Topsoil; FIO. Organic Material; FIO. Mulch; FIO.

Prior to the delivery of materials, certificates of compliance attesting that materials meet the specified requirements.

Certified copies of the material certificates shall include the following:

a. Seed. Classification, botanical name, common name, percent pure live seed, minimum percent germination and hard seed, maximum percent weed seed content, and date tested.

- b. Topsoil. Particle size, pH, organic matter content, textural class, soluble salts, chemical and mechanical analyses.
- d. Organic Material: Composition and source.
- e. Mulch: Composition and source.

#### Samples

Delivered Topsoil; FIO. Samples taken from several locations at the source.

Soil Amendments; FIO.

Manufacturers literature.

Mulch; FIO. Manufacturers literature.

#### Records

Quantity Check; FIO. Bag count or bulk weight measurements of material used compared with area covered to determine the application rate and quantity installed. Seed Establishment Period; G.

Calendar time period for the seed establishment period. When there is more than one seed establishment period, the boundaries of the seeded area covered for each period shall be described.

Maintenance Record; G.

Maintenance work performed, area repaired or reinstalled, diagnosis for unsatisfactory stand of grass plants.

### 1.3 SOURCE INSPECTION

The source of delivered topsoil shall be subject to inspection.

### 1.4 DELIVERY, INSPECTION, STORAGE, AND HANDLING

#### 1.4.1 Delivery

A delivery schedule shall be provided at least 10 calendar days prior to the first day of delivery.

##### 1.4.1.1 Delivered Topsoil

Prior to the delivery of any topsoil, its availability shall be verified in paragraph TOPSOIL. A soil test shall be provided for topsoil delivered to the site.

##### 1.4.1.2 Soil Amendments

Soil amendments shall be delivered to the site in the original, unopened containers bearing the manufacturer's chemical analysis. In lieu of containers, soil amendments may be furnished in bulk. A chemical analysis shall be provided for bulk deliveries.

#### 1.4.2 Inspection

Seed shall be inspected upon arrival at the job site for conformity to species and quality. Seed that is wet, moldy, or bears a test date five months or older, shall be rejected. Other materials shall be inspected for compliance with specified requirements. The following shall be rejected: open soil amendment containers or wet soil amendments; topsoil that contains slag, cinders, stones, lumps of soil, sticks, roots, trash or other material over a minimum 1- 1/2 inch diameter; and topsoil that contains viable plants and plant parts. Unacceptable materials shall be removed from the job site.

#### 1.4.3 Storage

Materials shall be stored in designated areas. Seed shall be stored in cool, dry locations away from contaminants.

#### 1.4.4 Handling

Except for bulk deliveries, materials shall not be dropped or dumped from vehicles.

#### 1.4.5 Time Limitation

Hydroseeding time limitation for holding seed in the slurry shall be a maximum 24 hours.

## 2 PRODUCTS

## 2.1 SEED

### 2.1.1 Seed Classification

State-certified seed of the latest season's crop shall be provided in original sealed packages bearing the producer's guaranteed analysis for percentages of mixture, purity, germination, hard seed, weed seed content, and inert material. Labels shall be in conformance with AMS-01 and applicable state seed laws.

### 2.1.2 Permanent Seed Species and Mixtures

Permanent seed species and mixtures shall be proportioned by weight as follows:

Botanical Name	Common Name	Mixture % by Weight (Field Seed)	Mixture Pure Live Seed
<i>Alopecurus pratensis</i>	Meadow Foxtail	23.6	18.9 (min)
<i>Festuca rubra</i>	Red Fescue	14.2	13.9 (min)
<i>Trifolium Repens</i>	White Dutch Clover	9.4	9.1
<i>Calamagrotis canadensis</i>	Blujoint Bentgrass	52.8	52.3

### 2.1.3 Temporary Seed Species

Temporary seed species for surface erosion control or overseeding shall be as follows:

Percent Pure	Common Name	Live Seed
Botanical Name		
<i>Agrostis idahoensis</i>	Idaho Bentgrass	25%
<i>Festuca ovina</i>	Sheep Fescue	25%
<i>Lolium multiflorum</i>	Annual Ryegrass	25%
<i>Trifolium incarnatum</i>	Crimson Clover	25%

### 2.1.4 Quality

Weed seed shall be a maximum 1 percent by weight of the total mixture.

### 2.1.5 Seed Mixing

The mixing of seed may be done by the seed supplier prior to delivery, or on site as directed.

### 2.1.6 Substitutions

Substitutions will not be allowed without written request and approval from the Contracting Officer.

## 2.2 TOPSOIL

Topsoil shall be as defined in ASTM D 5268. When available, the topsoil shall be the existing surface soil stripped and stockpiled onsite in accordance with Section 02300 EARTHWORK. When additional topsoil is required beyond the available topsoil from the stripping operation, topsoil shall be delivered and amended as recommended by the soil test for the seed specified. Topsoil shall be free from slag, cinders, stones, lumps of soil, sticks, roots, trash or other material over a minimum 1-1/2 inch diameter. Topsoil shall be free from viable plants and plant parts. Minimum topsoil thickness shall be 4-inch.

### 2.2.1 Fertilizer

No fertilizer can be used on this site due to its proximity to waterways.

### 2.2.2 Organic Material

Organic material shall consist of either bonemeal, rotted manure, decomposed wood derivatives, recycled compost, or worm castings.

#### 2.2.2.1 Bonemeal

Bonemeal shall be finely ground, steamed bone product containing from 2 to 4 percent nitrogen and 16 to 40 percent phosphoric acid.

#### 2.2.2.2 Rotted Manure

Rotted manure shall be unleached horse, chicken or cattle manure containing a maximum 25 percent by volume of straw, sawdust, or other bedding materials. It shall contain no chemicals or ingredients harmful to plants. The manure shall be heat treated to kill weed seeds and be free of stones, sticks, and soil.

#### 2.2.2.3 Decomposed Wood Derivatives

Decomposed wood derivatives shall be ground bark, sawdust, yard trimmings, or other wood waste material that is free of stones, sticks, soil, and toxic substances harmful to plants, and is fully composted or stabilized with nitrogen.

### 2.3 MULCH

Mulch shall be free from weeds, mold, and other deleterious materials. Mulch materials shall be native to the region.

#### 2.3.1 Wood Cellulose Fiber

Wood cellulose fiber shall not contain any growth or germination-inhibiting factors and shall be dyed an appropriate color to facilitate placement during application. Composition on air dry weight basis: 9 to 15 percent moisture, pH range from 4.5 to 6.0.

### 2.4 WATER

Water shall be the responsibility of the Contractor, unless otherwise noted. Water shall not contain elements toxic to plant life.

## 3 EXECUTION

### 3.1 INSTALLING SEED TIME AND CONDITIONS

#### 3.1.1 Seeding Time

Seed shall be sown anytime that seeding conditions are met.

#### 3.1.2 Seeding Conditions

Seeding operations shall be performed only during periods when beneficial results can be obtained. When drought, excessive moisture, or other unsatisfactory conditions prevail, the work shall be stopped when directed. When special conditions warrant a variance to the seeding operations, proposed alternate times shall be submitted for approval.

#### 3.1.3 Equipment Calibration

Immediately prior to the commencement of seeding operations, calibration tests shall be conducted on the equipment to be used. These tests shall confirm that the equipment is operating within the manufacturer's specifications and will meet the specified criteria. The equipment shall be calibrated a minimum of once every day during the operation. The calibration test results shall be provided within 1 week of testing.

#### 3.1.4 Soil Test

Delivered topsoil, existing soil in smooth graded areas, and stockpiled topsoil shall be tested in accordance with ASTM D 5268 and ASTM D 4972 for determining the particle size, pH, organic matter content, textural class, chemical analysis, soluble salts analysis, and mechanical analysis. Sample collection on site shall be random over the entire

site. Sample collection for stockpiled topsoil shall be at different levels in the stockpile. The soil shall be free from debris, noxious weeds, toxic substances, or other materials harmful to plant growth. The test shall determine the quantities and type of soil amendments required to meet local growing conditions for the seed species specified.

### 3.2 SITE PREPARATION

#### 3.2.1 Finished Grade and Topsoil

The Contractor shall verify that finished grades are as indicated on drawings, and the placing of topsoil, smooth grading, and compaction requirements have been completed in accordance with Section 02300 EARTHWORK, prior to the commencement of the seeding operation.

#### 3.2.2 Tillage

Soil on slopes up to a maximum 3-horizontal-to-1-vertical shall be tilled to a minimum 4 inch depth. On slopes between 3-horizontal-to-1-vertical and 1-horizontal-to-1 vertical, the soil shall be tilled to a minimum 2 inch depth by scarifying with heavy rakes, or other method. Rototillers shall be used where soil conditions and length of slope permit. On slopes 1- horizontal-to-1 vertical and steeper, no tillage is required. Drainage patterns shall be maintained as indicated on drawings. Areas compacted by construction operations shall be completely pulverized by tillage. Soil used for repair of surface erosion or grade deficiencies shall conform to topsoil requirements.

#### 3.2.3 Prepared Surface

##### 3.2.3.1 Preparation

The prepared surface shall be a maximum 1 inch below the adjoining grade of any surfaced area. New surfaces shall be blended to existing areas. The prepared surface shall be completed with a light raking to remove debris.

##### 3.2.3.2 Protection

Areas with the prepared surface shall be protected from compaction or damage by vehicular or pedestrian traffic and surface erosion.

### 3.3 INSTALLATION

Prior to installing seed, any previously prepared surface compacted or damaged shall be reworked to meet the requirements of paragraph SITE PREPARATION. Seeding operations shall not take place when the wind velocity will prevent uniform seed distribution.

#### 3.3.1 Installing Seed

Seeding method shall be Hydroseeding. Seeding procedure shall ensure even coverage. Gravity feed applicators, which drop seed directly from a hopper onto the prepared soil, shall not be used because of the difficulty in achieving even coverage, unless otherwise approved. Absorbent polymer powder shall be mixed with the dry seed at the rate recommended by the manufacturer.

#### 3.3.2 Hydroseeding

Seed shall be mixed to ensure broadcast at the rate of 175 pounds per acre. Seed shall be added to water and thoroughly mixed to meet the rates specified. The time period for the seed to be held in the slurry shall be a maximum 24 hours. Wood cellulose fiber mulch and tackifier shall be added at the rates recommended by the manufacturer after the seed and water have been thoroughly mixed to produce a homogeneous slurry. Slurry shall be uniformly applied under pressure over the entire area. The hydroseeded area shall not be rolled.

#### 3.3.3 Watering Seed

Watering shall be started immediately after completing the seeding of an area. Water shall be applied to supplement rainfall at a rate sufficient to ensure moist soil conditions to a minimum 1 inch depth. Run-off and puddling shall be prevented. Watering trucks shall not be driven over turf areas, unless otherwise directed. Watering of other adjacent areas or plant material shall be prevented.

### 3.3.4 Temporary Seeding

When directed during contract delays affecting the seeding operation or when a quick cover is required to prevent surface erosion, the areas designated shall be seeded in accordance with temporary seed species listed under Paragraph SEED.

#### 3.3.4.1 Soil Amendments

When soil amendments have not been applied to the area, the quantity of 1/2 of the required soil amendments shall be applied and the area tilled in accordance with paragraph SITE PREPARATION. The area shall be watered in accordance with paragraph Watering Seed.

#### 3.3.4.2 Remaining Soil Amendments

The remaining soil amendments shall be applied in accordance with the paragraph Tillage when the surface is prepared for installing seed.

### 3.4 QUANTITY CHECK

For materials provided in bags, the empty bags shall be retained for recording the amount used. For materials provided in bulk, the weight certificates shall be retained as a record of the amount used. The amount of material used shall be compared with the total area covered to determine the rate of application used. Differences between the quantity applied and the quantity specified shall be adjusted as directed.

### 3.5 RESTORATION AND CLEAN UP

#### 3.5.1 Restoration

Existing turf areas, pavements, and facilities that have been damaged from the seeding operation shall be restored to original condition at Contractor's expense.

#### 3.5.2 Clean Up

Excess and waste material shall be removed from the seeded areas and shall be disposed offsite. Adjacent paved areas shall be cleaned.

### 3.6 PROTECTION OF INSTALLED AREAS

Immediately upon completion of the seeding operation in an area, the area shall be protected against traffic or other use by erecting barricades and providing signage as required, or as directed.

### 3.7 SEED ESTABLISHMENT PERIOD

#### 3.7.1 Commencement

The seed establishment period to obtain a healthy stand of grass plants shall begin on the first day of work under this contract and shall end 3 months after the last day of the seeding operation. Written calendar time period shall be furnished for the seed establishment period. When there is more than 1 seed establishment period, the boundaries of the seeded area covered for each period shall be described. The seed establishment period shall be coordinated with 02930 EXTERIOR PLANTING. The seed establishment period shall be modified for inclement weather, shut down periods, or for separate completion dates of areas.

#### 3.7.2 Satisfactory Stand of Grass Plants

Grass plants shall be evaluated for species and health when the grass plants are a minimum 1 inch high.

##### 3.7.2.1 Field Area

A satisfactory stand of grass plants from the seeding operation for a field area shall be a minimum 20 grass plants per square foot. The total bare spots shall not exceed 2 percent of the total seeded area.

#### 3.7.3 Maintenance During Establishment Period

Maintenance of the seeded areas shall include eradicating weeds, insects and diseases; protecting embankments and ditches from surface erosion; maintaining erosion control materials and mulch; protecting installed areas from traffic; watering.

#### 3.7.3.1 Repair or Reinstall

Unsatisfactory stand of grass plants and mulch shall be repaired or reinstalled, and eroded areas shall be repaired in accordance with paragraph SITE PREPARATION.

#### 3.7.3.2 Maintenance Record

A record of each site visit shall be furnished, describing the maintenance work performed; areas repaired or reinstalled; and diagnosis for unsatisfactory stand of grass plants.

END OF SECTION

### Section 02930 Exterior Planting

#### EXTERIOR PLANTING

##### 1 GENERAL

##### 1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

AMERICAN NURSERY AND LANDSCAPE ASSOCIATION (ANLA)

ANLA ANSI/ANLA Z60.1 (1996) American Standard for Nursery Stock

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI A300 (1995) Tree Care Operations - Trees, Shrubs and other  
Woody Plant Maintenance

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM C 602 (1995a) Agricultural Liming Materials

ASTM D 4972 (1995a) pH of Soils

ASTM D 5034 (1995) Breaking Strength and Elongation of Textile Fabrics (Grab Test)

ASTM D 5035 (1995) Breaking Strength and Elongation of Textile Fabrics (Grab Test)

ASTM D 5268 (1992; R1996) Topsoil Used for Landscaping Purposes

ASTM D 5883 (1996) Standard Guide for Use of Rotary Kiln Produced

Expanded Shale, Clay or Slate (ESCS) as a Mineral Amendment in Topsoil Used for Landscaping and Related Purposes

##### 1.2 SUBMITTALS

Government approval is required for submittals with a "G" designation; submittals having an "FIO" designation are for information only. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

##### Data

Weed Barrier Fabric; FIO. Chemical Treatment Material; FIO. Manufacturer's literature including physical characteristics, application and installation instructions for weed barrier fabric and chemical treatment material.

##### Schedules

Equipment; FIO. A listing of equipment to be used for the planting operation.

#### Statements

Delivery; FIO. Delivery schedule.

Finished Grade, Topsoil and Underground Utilities; FIO. Finished grade status; location of underground utilities and facilities; and availability of topsoil from the stripping and stock piling operation.

#### Reports

Soil Test; FIO. Certified reports of inspections and laboratory tests, prepared by an independent testing agency, including analysis and interpretation of test results. Each report shall be properly identified. Test methods used and compliance with recognized test standards shall be described.

#### Certificates

Plant Material; GA. Topsoil; FIO. pH Adjuster; FIO. Fertilizer; FIO. Organic Material; FIO.

Organic Mulch; FIO.

Pesticide; FIO.

Prior to delivery of materials, certificates of compliance a testing that materials meet the specified requirements.

Certified copies of the material certificates shall include the following.

- a. Plant Material: Classification, botanical name, common name, size, quantity by species, and location where grown.
- b. Topsoil: Particle size, pH, organic matter content, textural class, soluble salts, chemical and mechanical analyses.
- e. Organic Material: Composition and source.
- g. Organic Mulch: Composition, source, and treatment against fungi growth.

#### Samples

Delivered Topsoil; FIO. Samples taken from several locations at the source.

Mulch; FIO.

Manufacturers literature.

#### Records

Plant Establishment Period; G.

Calendar time period for the plant establishment period. When there is more than one establishment period, the boundaries of the planted areas covered for each period shall be described.

Maintenance Record; FIO. Maintenance work performed, quantity of plant losses, and replacements; and diagnosis of unhealthy plant material.

#### Operation and Maintenance Manuals

Maintenance Instructions; FIO. Instruction for year-round care of installed plant material.

### 1.3 SOURCE INSPECTIONS

The nursery or source of plant material and the source of delivered topsoil shall be subject to inspection.

### 1.4 DELIVERY, INSPECTION, STORAGE, AND HANDLING

#### 1.4.1 Delivery

A delivery schedule shall be provided at least 10 working days prior to the first day of delivery.

##### 1.4.1.1 Plant Material Identification

Plant material shall be identified with attached, durable, waterproof labels and weather resistant ink, stating the correct botanical and common plant name and size.

##### 1.4.1.2 Protection During Delivery

Plant material shall be protected during delivery to prevent desiccation and damage to the branches, trunk, root system, or earth ball. Branches shall be protected by tying-in. Exposed branches shall be covered during transport.



#### 1.4.1.3 Delivered Topsoil

Prior to the delivery of any topsoil, the availability of topsoil shall be verified in paragraph TOPSOIL. A soil test shall be provided for delivered topsoil.

#### 1.4.2 Inspection

Plant material shall be well shaped, vigorous and healthy with a healthy, well-branched root system, free from disease, harmful insects and insect eggs, sunscald injury, disfigurement or abrasion. Plant material shall be checked for unauthorized substitution and to establish nursery-grown status. Plant material showing desiccation, abrasion, sunscald injury, disfigurement, or unauthorized substitution shall be rejected. The plant material shall exhibit typical form of branch to height ratio; and meet the caliper and height measurements specified. Plant material that measures less than specified, or has been poled, topped off or headed back, shall be rejected. Container-grown plant material shall show new fibrous roots

and the root mass shall contain its shape when removed from the container. Plant material with broken or cracked balls; or broken containers shall be rejected. Bare-root plant material that is not dormant or is showing roots were pulled from the ground shall be rejected. Other materials shall be inspected for compliance with paragraph PRODUCTS. Open soil amendment containers or wet soil amendments shall be rejected. Topsoil that contains slag, cinders, stones, lumps of soil, sticks, roots, trash or other material larger than 1-1/2 inch diameter shall be rejected. Topsoil that contains viable plant material and plant parts shall be rejected. Unacceptable material shall be removed from the job site.

#### 1.4.3 Storage

##### 1.4.3.1 Plant Material Storage

Plant material not installed on the day of arrival at the site shall be stored and protected in designated areas and approved by the Contracting Officer. Plant material shall not be stored longer than 30 days. Plant material shall be protected from direct exposure to wind and sun. Bare-root plant material shall be heeled-in. All plant material shall be kept in a moist condition by watering with a fine mist spray until installed.

##### 1.4.3.2 Other Material Storage

Storage of other material shall be in designated areas approved by Contracting Officer. Soil amendments shall be stored in dry locations and away from contaminants. Chemical treatment material shall be stored according to manufacturer's instructions and not with planting operation material.

#### 1.4.4 Handling

Plant material shall not be injured in handling. Cracking or breaking the earth ball of balled and burlapped plant material shall be avoided. Plant material shall not be handled by the trunk or stems. Materials shall not be dropped from vehicles.

#### 1.4.5 Time Limitation

Except for container-grown plant material, the time limitation from digging to installing plant material shall be a maximum 15 days. The time limitation between installing the plant material and placing the mulch shall be a maximum 24 hours.

### 1.5 WARRANTY

Furnished plant material shall have a warranty for plant growth to be in a vigorous growing condition for a minimum 12-month period from installation date. A minimum 12-month calendar time period for the warranty of plant growth shall be provided regardless of the contract time period. When plant material is determined to be unhealthy in accordance with paragraph PLANT ESTABLISHMENT PERIOD, it shall be replaced once under this warranty.

## 2 PRODUCTS

### 2.1 PLANT MATERIAL

#### 2.1.1 Plant Material Classification

The plant material shall be nursery grown stock conforming to ANLA ANSI/ANLA Z60.1 and shall be the species specified.

#### 2.1.2 Plant Schedule

The plant schedule shall provide botanical names as included in one or more of the publications listed under "Nomenclature" in ANLA ANSI/ANLA Z60.1.

#### 2.1.3 Substitutions

Substitutions will not be permitted without written request and approval from the Contracting Officer.

#### 2.1.4 Quality

Well-shaped, well-grown, vigorous plant material having healthy and well-branched root systems in accordance with ANLA ANSI/ANLA Z60.1 shall be provided. Plant material shall be provided free from disease, harmful insects and insect eggs, sunscald injury, disfigurement and abrasion. Plant material shall be free of shock or damage to branches, trunk, or root systems, which may occur from the digging and preparation for shipment, method of shipment, or shipment. Plant quality is determined by the growing conditions; method of shipment to maintain health of the root system; and growth of the trunk and crown as follows.

#### 2.1.5 Growing Conditions

Plant material shall be native to or well suited to the growing conditions of the project site. Plant material shall be grown under climatic conditions similar to those at the project site.

#### 2.1.6 Method of Shipment to Maintain Health of Root System

##### 2.1.6.1 Container-Grown (C) Plant Material

Container size shall be in accordance with ANLA ANSI/ANLA Z60.1. Plant material shall be grown in a container over a duration of time for new fibrous roots to have developed and for the root mass to retain its shape and hold together when removed from the container. Container-grown plant material shall be inoculated with mycorrhizal fungi during germination in the nursery. Before shipment the root system shall be dipped in gels containing mycorrhizal fungi inoculum. The container shall be sufficiently rigid to hold ball shape and protect root mass during shipping.

#### 2.1.7 Growth of Trunk and Crown

##### 2.1.7.1 Deciduous Trees

A height to caliper relationship shall be provided in accordance with ANLA ANSI/ANLA Z60.1. Height of branching shall bear a relationship to the size and species of tree specified and with the crown in good balance with the trunk. The trees shall not be "poled" or the leader removed.

- a. Single stem: The trunk shall be straight and symmetrical with crown and have a persistent main leader.
- b. Multi-stem: All countable stems, in aggregate, shall average the size specified. To be considered a stem, there shall be no division of the trunk that branches more than 6 inches from ground level.
- c. Specimen: The tree provided shall be well branched and pruned naturally according to the species. The form of growth desired, which may not be in accordance with natural growth habit, shall be as indicated.

##### 2.1.7.2 Deciduous Shrubs

Deciduous shrubs shall have the height and number of primary stems recommended by ANLA ANSI/ANLA Z60.1. Acceptable plant material shall be well shaped, with sufficient wellspaced side branches, and recognized by the trade as typical for the species grown in the region of the project.

##### 2.1.7.3 Coniferous Evergreen Plant Material

Coniferous Evergreen plant material shall have the height-to-spread ratio recommended by ANLA ANSI/ANLA Z60.1. The coniferous evergreen trees shall not be "poled" or the leader removed. Acceptable plant material shall be exceptionally heavy, well shaped and trimmed to form a symmetrical and tightly knit plant. The form of growth desired shall be as indicated.

#### 2.1.7.4 Broadleaf Evergreen Plant Material

Broadleaf evergreen plant material shall have the height-to-spread ratio recommended by ANLA ANSI/ANLA Z60.1. Acceptable plant material shall be well shaped and recognized by the trade as typical for the variety grown in the region of the project.

#### 2.1.7.5 Ground Cover and Vine Plant Material

Ground cover and vine plant material shall have the minimum number of runners and length of runner recommended by ANLA ANSI/ANLA Z60.1. Plant material shall have heavy, well-developed and balanced crown with vigorous, well-developed root system and shall be furnished in containers.

#### 2.1.8 Plant Material Size

Plant material shall be furnished in sizes indicated. Plant material larger in size than specified may be provided at no additional cost to the Government.

#### 2.1.9 Plant Material Measurement

Plant material measurements shall be in accordance with ANLA ANSI/ANLA Z60.1.

### 2.2 TOPSOIL

Topsoil shall be as defined in ASTM D 5268. Topsoil shall be delivered and amended as recommended by the soil test for the plant material specified. Topsoil shall be free from slag, cinders, stones, lumps of soil, sticks, roots, trash or other material over a minimum 1-1/2 inch diameter. Topsoil shall be free from viable plants and plant parts. Minimum topsoil thickness shall be 4-inch.

### 2.3 MULCH

Mulch shall be free from weeds, mold, and other deleterious materials. Mulch materials shall be native to the region.

#### 2.3.1 Organic Mulch

Organic mulch materials shall be ground or shredded fir or hemlock bark, wood chips, 1/2" to 1" in size.

### 2.4 WOOD STAKING MATERIAL

Wood stakes shall be hardwood or fir; rough sawn; free from knots, rot, cross grain, or other defects that would impair their strength.

#### 2.4.1 Bracing Stake

Wood bracing stakes shall be a minimum 2 x 2-inch square and a minimum 8 feet long with a point at one end. Stake shall be set without damaging rootball.

#### 2.4.2 Wood Ground Stakes

Wood ground stakes shall be a minimum of 2 x 2 inch square and a minimum 3 feet long with a point at one end.

#### 2.4.3 Deadmen Wood deadmen shall be a minimum 4 x 4 x 36 inches long.

#### 2.4.4 Guying Material

Metal guying material shall be a minimum 12-gauge wire. Multi-strand cable shall be woven wire. Guying material tensile strength shall conform to the size of tree to be held firmly in place.

#### 2.4.5 Turnbuckle

Metal turnbuckles shall be galvanized or cadmium-plated steel, and shall be a minimum 3 inches long with closed screw eyes on each end. Screw thread tensile strength shall conform to the size of tree to be held firmly in place.

#### 2.4.6 Chafing Guard

Plastic chafing guards shall be used to protect tree trunks and branches when metal is used as guying material. The material shall be the same color throughout the project site. Length shall be a minimum 1.5 times the circumference of the plant trunk at its base.

#### 2.5 RUBBER GUYING MATERIAL

Rubber chafing guards, consisting of recycled material, shall be used to protect tree trunks and branches when metal guying material is applied. The material shall be the same color throughout the project. Length shall be a minimum 1.5 times the circumference of the plant trunk at its base.

#### 2.6 MYCORRHIZAL FUNGI INOCULUM

Mycorrhizal fungi inoculum shall be composed of multiple-fungus inoculum as recommended by the manufacturer for the plant material specified.

#### 2.7 WATER

Water provided by the Contractor shall not contain elements toxic to plant life.

### 3 EXECUTION

#### 3.1 INSTALLING PLANT MATERIAL TIME AND CONDITIONS

##### 3.1.1 Plant Material Time

Plant material shall be installed from October to January.

##### 3.1.2 Plant Material Conditions

Planting operations shall be performed only during periods when beneficial results can be obtained. When drought, excessive moisture, frozen ground or other unsatisfactory conditions prevail, the work shall be stopped when directed. When special conditions warrant a variance to the planting operations, proposed planting times shall be submitted for approval.

##### 3.1.3 Tests

##### 3.1.3.1 Soil Test

Delivered topsoil, excavated plant pit soil, and stockpiled topsoil shall be tested in accordance with ASTM D 5268 and ASTM D 4972 for determining the particle size, pH, organic matter content, textural class, chemical analysis, soluble salts analysis, and mechanical analysis. Sample collection onsite shall be random over the entire site. Sample collection for stockpiled topsoil shall be at different levels in the stockpile. The soil shall be free from debris, noxious weeds, toxic substances, or other materials harmful to plant growth. The test shall determine the quantities and type of soil amendments required to meet local growing conditions for the plant material specified.

#### 3.2 SITE PREPARATION

##### 3.2.1 Finished Grade, Topsoil and Underground Utilities

The Contractor shall verify that finished grades are as indicated on drawings, and that the placing of topsoil, the smooth grading, and the compaction requirements have been completed in accordance with Section 02300 EARTHWORK and Section 02921 SEEDING, prior to the commencement of the planting operation. The location of underground utilities and facilities in the area of the planting operation shall be verified. Damage to underground utilities and facilities shall be repaired at the Contractor's expense.

##### 3.2.2 Layout

Plant material locations and bed outlines shall be staked on the project site before any excavation is made. Plant material locations may be adjusted to meet field conditions as determined by the Contracting Officer.

### 3.2.3 Protecting Existing Vegetation

When there are established lawns in the planting area, the turf shall be covered and/or protected during planting operations. Existing trees, shrubs, and plant beds that are to be preserved shall be barricaded along the dripline to protect them during planting operations.

## 3.3 EXCAVATION

### 3.3.1 Obstructions Below Ground

When obstructions below ground affect the work, shop drawings showing proposed adjustments to plant material location, type of plant and planting method shall be submitted for approval.

### 3.3.2 Plant Pits

Plant pits for container plant material shall be dug to a depth equal to the height of the root ball as measured from the base of the ball to the base of the plant trunk. Plant pits shall be dug a minimum 50 percent wider than the ball or root system to allow for root expansion. The pit shall be constructed with sides sloping towards the base as a cone, to encourage aerated soil to be available to the root system for favorable root growth. Cylindrical pits with vertical sides shall not be used. Pit sides will be scarified to prevent glazing.

## 3.4 INSTALLATION

### 3.4.1 Setting Plant Material

Plant material shall be set plumb and held in position until sufficient soil has been firmly placed around root system or ball. In relation to the surrounding grade, the plant material shall be set even with the grade at which it was grown.

### 3.4.2 Backfill Soil Mixture

The backfill soil mixture shall be a mix of 1 part imported topsoil and 1 part existing excavated soil.

### 3.4.3 Backfill Procedure

Prior to backfilling, all metal, wood, synthetic products, or treated burlap devices shall be removed from the ball or root system avoiding damage to the root system. The backfill procedure shall remove air pockets from around the root system. Additional requirements are as follows.

#### 3.4.3.1 Container-Grown

The plant material shall be carefully removed from containers that are not biodegradable. Prior to setting the plant in the pit, a maximum 1/4 depth of the root mass, measured from the bottom, shall be spread apart to promote new root growth. For plant material in biodegradable containers the container shall be split prior to setting the plant with container.

Backfill mixture shall be added to the plant pit in 6-inch layers with each layer tamped. Fertilizer shall be applied at the rate recommended by the manufacturer.

#### 3.4.3.2 Earth Berm

An earth berm, consisting of backfill soil mixture, shall be formed with a minimum 4-inch height 2' out from the plant to aid in water retention and to provide soil for settling adjustments.

### 3.4.4 Plant Bed

Plant material shall be set in plant beds according to the drawings. Backfill soil mixture shall be placed on previously scarified subsoil to completely surround the root balls, and shall be brought to a smooth and even surface, blending to existing areas. Earth berms shall be provided around individual shrubs and ground cover areas.

### 3.4.5 Watering

Plant pits and plant beds shall be watered immediately after backfilling, until completely saturated.

### 3.4.6 Staking and Guying

Staking will be required when trees are unstable or will not remain set due to their size, shape, or exposure to high wind velocity.

#### 3.4.6.1 One Bracing Stake

Trees 4 to 6 feet high shall be firmly anchored in place with one bracing stake. The bracing stake shall be placed on the side of the tree facing the prevailing wind. The bracing stake shall be driven vertically into firm ground and shall not injure the ball or root system. The tree shall be held firmly to the stake with a double strand of guying material. The guying material shall be firmly anchored at a minimum 1/2-tree height and shall prevent girdling. A chafing guard shall be used when metal is the guying material.

#### 3.4.6.2 Two Bracing Stakes

Trees from 6 to 8 feet height shall be firmly anchored in place with 2 bracing stakes placed on opposite sides. Bracing stakes shall be driven vertically into firm ground and shall not injure the ball or root system. The tree shall be held firmly between the stakes with a double strand of guying material. The guying material shall be firmly anchored at a minimum 1/2-tree height and shall prevent girdling. Chafing guards shall be used when metal is the guying material.

## 3.5 FINISHING

### 3.5.1 Plant Material

Prior to placing mulch, the installed area shall be uniformly edged to provide a clear division line between the planted area and the adjacent turf area, shaped as indicated. The installed area shall be raked and smoothed while maintaining the earth berms.

### 3.5.2 Placing Mulch

The placement of mulch shall occur a maximum 48 hours after planting. Mulch, used to reduce soil water loss, regulate soil temperature and prevent weed growth, shall be spread to cover the installed area with a minimum 3-inch uniform thickness. Mulch shall be kept out of the crowns of shrubs to a distance of 4"-6", ground cover, and vines and shall be kept off buildings, sidewalks and other facilities.

### 3.5.3 Pruning

Trained and experienced personnel shall accomplish pruning. The pruning of trees and palms shall be in accordance with ANSI A300. Only dead or broken material shall be pruned from installed plants. The typical growth habit of individual plant material shall be retained.

Clean cuts shall be made flush with the parent trunk. Improper cuts, stubs, dead and broken branches shall be removed. "Headback" cuts at right angles to the line of growth will not be permitted. Trees shall not be poled or the leader removed, nor shall the leader be pruned or "topped off".

## 3.6 MAINTENANCE DURING PLANTING OPERATION

Installed plant material shall be maintained in a healthy growing condition. Maintenance operations shall begin immediately after each plant is installed to prevent desiccation and shall continue until the plant establishment period commences. Installed areas shall be kept free of weeds, grass, and other undesired vegetation. The maintenance includes maintaining the mulch, watering, and adjusting settling.

## 3.7 RESTORATION AND CLEAN UP

### 3.7.1 Restoration

Turf areas, pavements, facilities and any other existing vegetation that have been damaged from the planting operation shall be restored to original condition at the Contractor's expense.

### 3.7.2 Clean Up

Excess and waste material shall be removed from the installed area and shall be disposed offsite. Adjacent paved areas shall be cleared.

## 3.8 PLANT ESTABLISHMENT PERIOD

### 3.8.1 Commencement

Upon completion of the last day of the planting operation, the plant establishment period for maintaining installed plant material in a healthy growing condition shall commence and shall be in effect for the remaining contract time period, not to exceed 12 months. Written calendar time period shall be furnished for the plant establishment period. When there is more than one plant establishment period, the boundaries of the planted area covered for each period shall be described. The plant establishment period shall be coordinated with Section 02935 TURF. The plant establishment period shall be modified for inclement weather shut down periods, or for separate completion dates for areas.

### 3.8.2 Maintenance During Establishment Period

Maintenance of plant material shall include straightening plant material, straightening stakes; tightening guying material; correcting girdling; supplementing mulch; pruning dead or broken branch tips; maintaining plant material labels; watering; eradicating weeds, insects and disease; post-fertilization; and removing and replacing unhealthy plants. Tree staking material to be taken out during last month of maintenance period.

#### 3.8.2.1 Watering Plant Material

The plant material shall be watered as necessary to prevent desiccation and to maintain an adequate supply of moisture within the root zone. An adequate supply of moisture is estimated to be the equivalent of 1 inch absorbed water per week, delivered in the form of rain or augmented by watering. Run-off, puddling and wilting shall be prevented. Unless otherwise directed, watering trucks shall not be driven over turf areas.

#### 3.8.2.2 Weeding

Grass and weeds in the installed areas shall not be allowed to reach a maximum 3 inches height before being completely removed, including the root system.

#### 3.8.2.3 Plant Pit Settling

When settling occurs to the backfill soil mixture, additional backfill soil shall be added to the plant pit or plant bed until the backfill level is equal to the surrounding grade. Serious settling that affects the setting of the plant in relation to the maximum depth at which it was grown requires replanting in accordance with paragraph INSTALLATION. The earth berm shall be maintained.

#### 3.8.2.4 Maintenance Record

A record shall be furnished describing the maintenance work performed, the quantity of plant losses, diagnosis of the plant loss, and the quantity of replacements made on each site visit.

### 3.8.3 Unhealthy Plant Material

A tree shall be considered unhealthy or dead when the main leader has died back, or up to a maximum 25 percent of the crown has died. A shrub shall be considered unhealthy or dead when up to a maximum 25 percent of the plant has died. This condition shall be determined by scraping on a branch an area 1/16 inch square, maximum, to determine if there is a green cambium layer below the bark. The Contractor shall determine the cause for unhealthy plant material and shall provide recommendations for replacement. Unhealthy or dead plant material shall be removed immediately and shall be replaced as soon as seasonal conditions permit.

### 3.8.4 Replacement Plant Material

Unless otherwise directed, plant material shall be provided for replacement in accordance with paragraph PLANT MATERIAL. Replacement plant material shall be installed in accordance with paragraph INSTALLATION, and recommendations in paragraph PLANT ESTABLISHMENT PERIOD. Plant material shall be replaced in accordance

with paragraph WARRANTY. An extended plant establishment period shall not be required for replacement plant material.

### 3.8.5 Maintenance Instructions

Written instructions shall be furnished containing drawings and other necessary information for year-round care of the installed plant material; including, when and where maintenance should occur, and the procedures for plant material replacement.

END OF SECTION

## 94- 2563 WA, SEATTLE

WAGE DETERMINATION NO: 94-2563 REV (28) AREA: WA, SEATTLE

HEALTH AND WELFARE LEVEL - INSURANCE ONLY \*\*OTHER WELFARE LEVEL WD: 94-2564

\*\*\*\*\*

REGISTER OF WAGE DETERMINATIONS UNDER  
THE SERVICE CONTRACT ACT  
By direction of the Secretary of Labor

U. S. DEPARTMENT OF LABOR  
EMPLOYMENT STANDARDS ADMINISTRATION  
WAGE AND HOUR DIVISION  
WASHINGTON D. C. 20210

William W. Gross Division of  
Director Wage Determinations

Wage Determination No.: 1994-2563  
Revision No.: 28  
Date Of Revision: 05/23/2005

State: Washington

Area: Washington Counties of King, Snohomish, Whatcom

**\*\*Fringe Benefits Required Follow the Occupational Listing\*\***

OCCUPATION CODE - TITLE

MINIMUM WAGE RATE

### 01000 - Administrative Support and Clerical Occupations

01011 - Accounting Clerk I	11. 92
01012 - Accounting Clerk II	13. 23
01013 - Accounting Clerk III	15. 44
01014 - Accounting Clerk IV	17. 28
01030 - Court Reporter	16. 18
01050 - Dispatcher, Motor Vehicle	17. 90
01060 - Document Preparation Clerk	13. 20
01070 - Messenger (Courier)	11. 90
01090 - Duplicating Machine Operator	13. 12
01110 - Film/Tape Librarian	13. 09
01115 - General Clerk I	10. 34
01116 - General Clerk II	11. 53
01117 - General Clerk III	14. 80
01118 - General Clerk IV	16. 82
01120 - Housing Referral Assistant	17. 89
01131 - Key Entry Operator I	12. 58
01132 - Key Entry Operator II	15. 36
01191 - Order Clerk I	12. 55
01192 - Order Clerk II	16. 10
01261 - Personnel Assistant (Employment) I	13. 21
01262 - Personnel Assistant (Employment) II	14. 66
01263 - Personnel Assistant (Employment) III	16. 20
01264 - Personnel Assistant (Employment) IV	18. 61
01270 - Production Control Clerk	18. 66
01290 - Rental Clerk	13. 33



01300 - Scheduler, Maintenance	15.66
01311 - Secretary I	14.97
01312 - Secretary II	15.92
01313 - Secretary III	17.77
01314 - Secretary IV	21.44
01315 - Secretary V	24.91
01320 - Service Order Dispatcher	15.66
01341 - Stenographer I	13.61
01342 - Stenographer II	15.66
01400 - Supply Technician	21.03
01420 - Survey Worker (Interviewer)	15.58
01460 - Switchboard Operator-Receptionist	12.38
01510 - Test Examiner	16.18
01520 - Test Proctor	16.18
01531 - Travel Clerk I	12.28
01532 - Travel Clerk II	13.20
01533 - Travel Clerk III	14.12
01611 - Word Processor I	13.46
01612 - Word Processor II	15.66
01613 - Word Processor III	18.65
03000 - Automatic Data Processing Occupations	
03010 - Computer Data Librarian	15.66
03041 - Computer Operator I	15.66
03042 - Computer Operator II	16.73
03043 - Computer Operator III	19.24
03044 - Computer Operator IV	21.87
03045 - Computer Operator V	24.27
03071 - Computer Programmer I (1)	16.86
03072 - Computer Programmer II (1)	20.89
03073 - Computer Programmer III (1)	27.62
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	27.62
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	16.59
05000 - Automotive Service Occupations	
05005 - Automotive Body Repairer, Fiberglass	21.30
05010 - Automotive Glass Installer	20.34
05040 - Automotive Worker	20.34
05070 - Electrician, Automotive	21.01
05100 - Mobile Equipment Servicer	18.98
05130 - Motor Equipment Metal Mechanic	21.73
05160 - Motor Equipment Metal Worker	20.34
05190 - Motor Vehicle Mechanic	21.69
05220 - Motor Vehicle Mechanic Helper	18.29
05250 - Motor Vehicle Upholstery Worker	19.67
05280 - Motor Vehicle Wrecker	20.34
05310 - Painter, Automotive	21.01
05340 - Radiator Repair Specialist	20.34
05370 - Tire Repairer	16.61
05400 - Transmission Repair Specialist	21.73
07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	9.70
07010 - Baker	13.92
07041 - Cook I	11.74
07042 - Cook II	12.83
07070 - Dishwasher	9.59
07130 - Meat Cutter	18.25
07250 - Waiter/Waitress	11.91
09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	21.06
09040 - Furniture Handler	16.94
09070 - Furniture Refinisher	21.06
09100 - Furniture Refinisher Helper	18.25
09110 - Furniture Repairer, Minor	19.54
09130 - Upholsterer	21.06
11030 - General Services and Support Occupations	
11030 - Cleaner, Vehicles	11.36
11060 - Elevator Operator	10.92
11090 - Gardener	14.37

11121 - House Keeping Aid I	9. 57
11122 - House Keeping Aid II	10. 92
11150 - Janitor	11. 69
11210 - Laborer, Grounds Maintenance	13. 01
11240 - Maid or Houseman	9. 57
11270 - Pest Controller	15. 16
11300 - Refuse Collector	14. 37
11330 - Tractor Operator	13. 50
11360 - Window Cleaner	12. 32
12000 - Health Occupations	
12020 - Dental Assistant	16. 74
12040 - Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	18. 11
12071 - Licensed Practical Nurse I	14. 93
12072 - Licensed Practical Nurse II	16. 77
12073 - Licensed Practical Nurse III	18. 77
12100 - Medical Assistant	13. 30
12130 - Medical Laboratory Technician	15. 73
12160 - Medical Record Clerk	16. 10
12190 - Medical Record Technician	17. 63
12221 - Nursing Assistant I	9. 66
12222 - Nursing Assistant II	10. 72
12223 - Nursing Assistant III	11. 85
12224 - Nursing Assistant IV	14. 10
12250 - Pharmacy Technician	15. 97
12280 - Phlebotomist	14. 10
12311 - Registered Nurse I	24. 56
12312 - Registered Nurse II	29. 96
12313 - Registered Nurse II, Specialist	29. 96
12314 - Registered Nurse III	35. 61
12315 - Registered Nurse III, Anesthetist	35. 61
12316 - Registered Nurse IV	39. 92
13000 - Information and Arts Occupations	
13002 - Audiovisual Librarian	16. 18
13011 - Exhibits Specialist I	19. 81
13012 - Exhibits Specialist II	22. 58
13013 - Exhibits Specialist III	27. 78
13041 - Illustrator I	19. 68
13042 - Illustrator II	22. 44
13043 - Illustrator III	27. 61
13047 - Librarian	25. 37
13050 - Library Technician	16. 06
13071 - Photographer I	16. 01
13072 - Photographer II	20. 51
13073 - Photographer III	22. 58
13074 - Photographer IV	27. 78
13075 - Photographer V	34. 14
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	
15010 - Assembler	9. 02
15030 - Counter Attendant	9. 02
15040 - Dry Cleaner	11. 38
15070 - Finisher, Flatwork, Machine	9. 021
15090 - Presser, Hand	6. 02
15100 - Presser, Machine, Drycleaning	9. 02
15130 - Presser, Machine, Shirts	9. 02
15160 - Presser, Machine, Wearing Apparel, Laundry	9. 02
15190 - Sewing Machine Operator	12. 18
15220 - Tailor	19. 98
15250 - Washer, Machine	9. 81
19000 - Machine Tool Operation and Repair Occupations	
19010 - Machine-Tool Operator (Toolroom)	21. 09
19040 - Tool and Die Maker	23. 67
21000 - Material Handling and Packing Occupations	
21010 - Fuel Distribution System Operator	19. 82
21020 - Material Coordinator	18. 19
21030 - Material Expediter	18. 12
21040 - Material Handling Laborer	15. 41
21050 - Order Filler	12. 19
21071 - Forklift Operator	18. 06
21080 - Production Line Worker (Food Processing)	18. 06
21100 - Shipping/Receiving Clerk	15. 76

21130 - Shipping Packer	15.76
21140 - Store Worker I	13.41
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	17.05
21210 - Tools and Parts Attendant	18.57
21400 - Warehouse Specialist	18.06
23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	22.71
23040 - Aircraft Mechanic Helper	18.64
23050 - Aircraft Quality Control Inspector	27.53
23060 - Aircraft Servicer	19.90
23070 - Aircraft Worker	21.03
23100 - Appliance Mechanic	21.06
23120 - Bicycle Repairer	18.25
23125 - Cable Splicer	27.27
23130 - Carpenter, Maintenance	24.72
23140 - Carpet Layer	24.29
23160 - Electrician, Maintenance	31.22
23181 - Electronics Technician, Maintenance I	22.01
23182 - Electronics Technician, Maintenance II	23.72
23183 - Electronics Technician, Maintenance III	27.85
23260 - Fabric Worker	19.84
23290 - Fire Alarm System Mechanic	21.71
23310 - Fire Extinguisher Repairer	18.98
23340 - Fuel Distribution System Mechanic	23.03
23370 - General Maintenance Worker	17.86
23400 - Heating, Refrigeration and Air Conditioning Mechanic	24.63
23430 - Heavy Equipment Mechanic	22.62
23440 - Heavy Equipment Operator	25.60
23460 - Instrument Mechanic	22.80
23470 - Laborer	12.08
23500 - Locksmith	20.96
23530 - Machinery Maintenance Mechanic	21.75
23550 - Machinist, Maintenance	20.97
23580 - Maintenance Trades Helper	17.93
23640 - Millwright	24.46
23700 - Office Appliance Repairer	22.20
23740 - Painter, Aircraft	22.63
23760 - Painter, Maintenance	21.06
23790 - Pipefitter, Maintenance	28.79
23800 - Plumber, Maintenance	26.79
23820 - Pneumatic Systems Mechanic	22.80
23850 - Rigger	21.71
23870 - Scale Mechanic	21.11
23890 - Sheet-Metal Worker, Maintenance	23.77
23910 - Small Engine Mechanic	20.41
23930 - Telecommunication Mechanic I	22.58
23931 - Telecommunication Mechanic II	23.22
23950 - Telephone Lineman	22.58
23960 - Welder, Combination, Maintenance	21.71
23965 - Well Driller	22.80
23970 - Woodcraft Worker	22.62
23980 - Woodworker	18.89
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9.23
24580 - Child Care Center Clerk	11.51
24600 - Chore Aid	9.96
24630 - Homemaker	16.15
25000 - Plant and System Operation Occupations	
25010 - Boiler Tender	24.25
25040 - Sewage Plant Operator	24.00
25070 - Stationary Engineer	24.25
25190 - Ventilation Equipment Tender	18.82
25210 - Water Treatment Plant Operator	24.00
27000 - Protective Service Occupations	
(not set) - Police Officer	26.14
27004 - Alarm Monitor	19.25
27006 - Corrections Officer	22.62
27010 - Court Security Officer	25.57
27040 - Detention Officer	23.51
27070 - Firefighter	25.24

27101 - Guard I	10.63
27102 - Guard II	18.63
28000 - Stevedoring/Longshoremen Occupations	
28010 - Blocker and Bracer	20.84
28020 - Hatch Tender	20.84
28030 - Line Handler	20.84
28040 - Stevedore I	18.49
28050 - Stevedore II	21.74
29000 - Technical Occupations	
21150 - Graphic Artist	23.86
29010 - Air Traffic Control Specialist, Center (2)	32.84
29011 - Air Traffic Control Specialist, Station (2)	22.64
29012 - Air Traffic Control Specialist, Terminal (2)	24.95
29023 - Archeological Technician I	17.61
29024 - Archeological Technician II	19.69
29025 - Archeological Technician III	24.40
29030 - Cartographic Technician	24.40
29035 - Computer Based Training (CBT) Specialist/ Instructor	28.32
29040 - Civil Engineering Technician	24.46
29061 - Drafter I	15.69
29062 - Drafter II	17.61
29063 - Drafter III	20.19
29064 - Drafter IV	24.40
29081 - Engineering Technician I	15.75
29082 - Engineering Technician II	17.68
29083 - Engineering Technician III	19.95
29084 - Engineering Technician IV	24.62
29085 - Engineering Technician V	29.98
29086 - Engineering Technician VI	36.27
29090 - Environmental Technician	21.72
29100 - Flight Simulator/Instructor (Pilot)	35.02
29160 - Instructor	25.77
29210 - Laboratory Technician	21.18
29240 - Mathematical Technician	24.40
29361 - Paralegal/Legal Assistant I	19.04
29362 - Paralegal/Legal Assistant II	23.51
29363 - Paralegal/Legal Assistant III	25.94
29364 - Paralegal/Legal Assistant IV	34.75
29390 - Photooptics Technician	24.40
29480 - Technical Writer	29.98
29491 - Unexploded Ordnance (UXO) Technician I	20.88
29492 - Unexploded Ordnance (UXO) Technician II	25.26
29493 - Unexploded Ordnance (UXO) Technician III	30.28
29494 - Unexploded (UXO) Safety Escort	20.88
29495 - Unexploded (UXO) Sweep Personnel	20.88
29620 - Weather Observer, Senior (3)	20.86
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	18.32
29622 - Weather Observer, Upper Air (3)	18.32
31000 - Transportation/ Mobile Equipment Operation Occupations	
31030 - Bus Driver	16.95
31260 - Parking and Lot Attendant	10.06
31290 - Shuttle Bus Driver	13.66
31300 - Taxi Driver	10.74
31361 - Truckdriver, Light Truck	13.66
31362 - Truckdriver, Medium Truck	19.58
31363 - Truckdriver, Heavy Truck	18.28
31364 - Truckdriver, Tractor-Trailer	18.28
99000 - Miscellaneous Occupations	
99020 - Animal Caretaker	10.90
99030 - Cashier	11.54
99041 - Carnival Equipment Operator	11.62
99042 - Carnival Equipment Repairer	12.07
99043 - Carnival Worker	10.26
99050 - Desk Clerk	10.81
99095 - Embalmer	22.09
99300 - Lifeguard	10.97
99310 - Mortician	22.27
99350 - Park Attendant (Aide)	13.78
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	12.87
99500 - Recreation Specialist	14.96

99510 - Recycling Worker	15. 53
99610 - Sales Clerk	12. 04
99620 - School Crossing Guard (Crosswalk Attendant)	13. 53
99630 - Sport Official	10. 97
99658 - Survey Party Chief (Chief of Party)	24. 57
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	19. 31
99660 - Surveying Aide	12. 87
99690 - Swimming Pool Operator	18. 42
99720 - Vending Machine Attendant	17. 56
99730 - Vending Machine Repairer	17. 65
99740 - Vending Machine Repairer Helper	17. 56

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**ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:**

**HEALTH & WELFARE:** \$2.87 an hour or \$114.80 a week or \$497.47 a month

**VACATION:** 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

**HOLIDAYS:** A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

**THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):**

- 1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)
- 2) **APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL:** An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.
- 3) **WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY:** If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

**HAZARDOUS PAY DIFFERENTIAL:** An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and

incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**\*\* UNIFORM ALLOWANCE \*\***

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**\*\* NOTES APPLYING TO THIS WAGE DETERMINATION \*\***

Under the policy and guidance contained in All Agency Memorandum No. 159, the Wage and Hour Division does not recognize, for section 4(c) purposes, prospective wage rates and fringe benefit provisions that are effective only upon such contingencies as "approval of Wage and Hour, issuance of a wage determination, incorporation of the wage determination in the contract, adjusting the contract price, etc." (The relevant CBA section) in the collective bargaining agreement between (the parties) contains contingency language that Wage and Hour does not recognize as reflecting "arm's length negotiation" under section 4(c) of the Act and 29 C.F.R. 5.11(a) of the regulations. This wage determination therefore reflects the actual CBA wage rates and fringe benefits paid under the predecessor contract.

**Source of Occupational Title and Descriptions:**

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

**REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}**

**Conformance Process:**

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444

should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

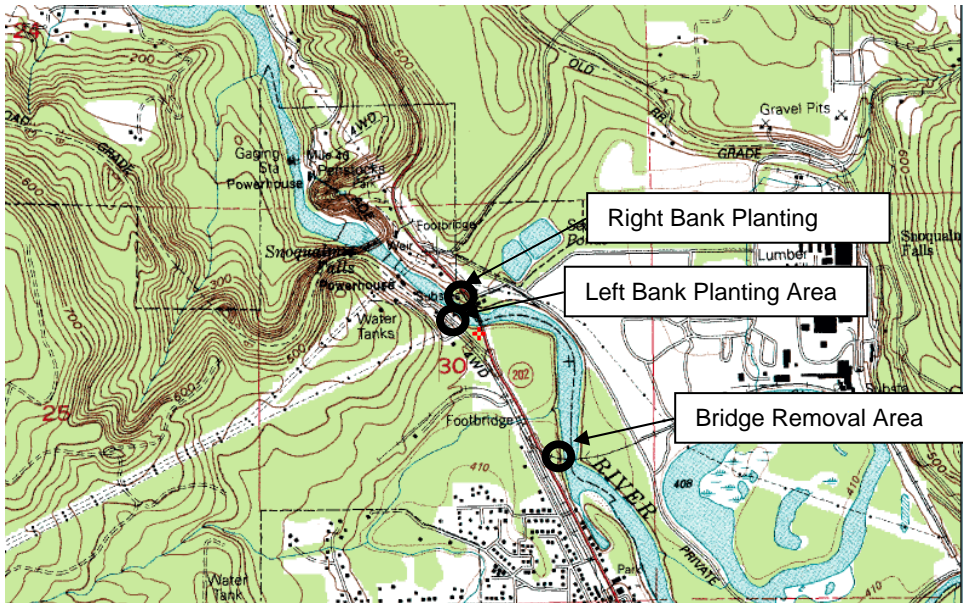
- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

**11 AUG 2005**

The following maps provide the general location of the landscape projects located along the Snoqualmie River upstream of the Snoqualmie Falls. The specific locations are further described in 2.1.1 to 2.1.3.



Map: Snoqualmie; Township 24 North; Range 08 East; King County WA